


Thanyani Katleho Denge

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 [GitHub](#) | [LinkedIn](#)

Career Objective

Final-year Computer Science student with a strong foundation in software development, problem-solving, and emerging technologies. Passionate about building innovative solutions and leveraging technical expertise to support organizational success. Seeking a graduate or entry-level role in software engineering, web development, or IT systems.

Education

Bachelor of Science in Computer Science

University of South Africa | 2020 – Present

Core Modules Completed:

- COS1501 – Theoretical Computer Science I
- COS2601 – Theoretical Computer Science II
- COS1511 – Introduction to Programming I
- COS1512 – Introduction to Programming II
- COS1521 – Computer Systems: Fundamental Concepts
- COS2626 – Computer Networks I
- INF1505 – Introduction to Business Information Systems
- INF1520 – Human-Computer Interaction I
- INF1511 – Visual Programming I
- INF2611 – Visual Programming II

- INF2603 – Databases I
- INF3703 – Databases II
- INF3705 – Advanced Systems Development
- INF3707 – Database Design and Implementation
- INF3708 – Software Project Management
- INF3720 – Human-Computer Interaction II
- COS2611 – Programming: Data Structures
- COS2614 – Programming: Contemporary Concepts
- COS2621 – Computer Organisation
- COS2661 – Formal Logic II
- COS3711 – Advanced Programming
- COS3712 – Computer Graphics
- COS3721 – Operating Systems and Architecture
- COS3751 – Techniques of Artificial Intelligence
- COS3761 – Formal Logic III
- MAT1503 – Linear Algebra I
- MAT1512 – Calculus A
- STA1610 – Introduction to Statistics
- ICT2621 – Structured Systems Analysis and Design
- ICT2622 – Object-Oriented Analysis

National Senior Certificate (Grade 12)

Kibler Park Secondary School | 2019

Subjects Passed:

- English
- Afrikaans
- Mathematics
- Physical Sciences
- Life Sciences
- Business Studies
- Life Orientation

Experience

Electoral Officer

Electoral Commission of South Africa (IEC) | Nov 2021

- Facilitated secure voting processes and ensured adherence to procedures.
- Assisted voters with queries and maintained confidentiality of records.
- Coordinated activities under tight deadlines during election days.

Technical Skills

- **Languages:** HTML, CSS, Python, C++, JavaScript
- **Frameworks Libraries:** React JS, Qt
- **Databases:** SQL
- **Tools:** Git, GitHub, Microsoft Office
- **Core Competencies:** Problem-Solving, Critical Thinking, Leadership

Languages

- English
- TshiVenda
- Sesotho
- Afrikaans
- isiZulu